MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE, 1936

J. A. BROWN, DIRECTOR

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JUNE 1936

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.2	59.8	60.0	60.0	26.3	18.6	24.1	25.5	20.8	23.5
2	60.0	9.5	59.3	59.6	28.3	18.7	24.0	27.1	21.3	24.1
3	58.0	7.2	7.4	7.5	27.4	19.7	25.6	26.7	21.4	24.6
4	7.1	6.6	6.9	6.9	27.6	20.0	23.7	26.7	21.6	24.0
5	6.8	6.5	7.6	7.0	28.2	20.1	24.4	26.5	21.6	24.1
6	57.6	58.3	58.0	58.0	28.1	20.1	25.3	27.2	22.6	25.0
7	6.5	6.5	7.1	6.7	29.4	20.9	27.7	28.4	22.5	26.2
8	6.7	6.6	7.6	7.0	27.6	19.2	23.8	26.7	21.3	23.9
9	8.1	8.0	9.2	8.4	27.8	19.0	24.6	26.8	24.2	25.2
10	9.9	60.0	60.6	60.2	27.4	19.6	24.5	26.7	21.7	24.3
11	59.7	58.7	56.5	58.3	29.6	23.6	25.6	28.4	27.1	27.0
12	8.6	8.8	9.2	8.9	28.3	20.9	25.4	27.2	22.4	25.0
13	9.1	8.8	8.6	8.8	28.9	20.5	24.8	28.2	22.1	25.0
14	7.8	7.4	7.7	7.6	28.4	20.4	24.5	26.6	22.2	24.4
15	8.0	7.6	8.1	7.9	28.6	19.4	25.5	27.7	21.9	25.0
16	57.6	57.7	58.9	58.1	28.6	19.3	25.5	26.6	21.8	24.6
17	9.2	9.2	9.3	9.2	28.8	19.7	24.9	27.8	21.9	24.9
18	8.8	8.6	8.2	8.5	29.0	20.8	25.6	28.2	22.3	25.4
19	8.0	7.2	6.6	7.3	30.9	21.6	26.6	29.4	23.8	26.6
20	7.3	6.7	6.5	6.8	30.4	22.3	28.0	28.7	24.8	27.2
21	57.9	58.2	58.0	58.0	31.6	21.6	29.4	30.2	23.9	27.8
22	7.3	6.9	6.7	7.0	30.7	22.7	28.3	29.3	23.7	27.1
23	6.2	6.2	6.0	6.1	29.9	21.5	26.9	28.9	23.6	26.5
24	5.5	5.5	5.8	5.6	30.1	21.9	27.2	29.4	23.7	26.8
25	5.4	5.6	5.2	5.4	30.3	21.9	27.8	29.1	23.7	26.9
26	55.5	55.0	55.3	55.3	30.6	20.8	27.6	29.1	23.4	26.7
27	4.6	4.1	5.1	4.6	30.6	21.7	27.2	29.8	23.8	26.9
28	7.0	7.1	7.6	7.2	30.4	21.2	28.2	28.8	23.7	27.2
29	8.1	8.0	7.8	7.8	30.2	20.6	27.1	29.9	23.9	27.0
30	6.6	6.4	6.5	6.5	30.4	21.2	26.4	28.4	25.9	26.9
	757.64	757.42	757.58	757.54	29.15	20.65	26.01	28.03	22.99	25.66

Barometer, range for month 754.1 mm. –760.6 mm.
,, 50-yr. average for month 758.151 mm.
Thermometer, Range for month 18.6° C.—31.6° C.
,, 50-yr. average for month 25.38° C.
Rain, total for month 0.254 mm.
,, , 50-yr. average for month 3.81 mm.
,, , total, Sept. 1st to end of month 877.682 mm.
50-yr. average, Sept 1st to end of month 906.54 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	21.1	21.6	19.2	16.3	15.5	15.3	15.7	73	60	83	72	12.8	
2	21.6	23.2	20.3	17.4	18.0	17.0	17.4	78	68	90	79	12.3	
3	22.6	22.9	19.8	17.9	17.7	16.0	17.2	73	68	84	75	11.3	
4	21.2	22.8	20.2	16.7	17.5	16.6	17.0	76	67	86	76	9.9	0.254
5	21.5	23.3	20.7	16.8	18.6	17.3	17.6	75	72	90	79	12.7	
6	22.2	23.8	19.9	17.5	19.0	15.3	17.3	73	71	76	73	11.7	
7	19.8	24.9	21.3	12.3	20.3	17.9	16.8	44	70	88	67	12.3	
8	20.3	22.1	18.9	15.2	16.2	14.6	15.3	68	62	77	69	7.7	
9	21.6	22.6	19.6	16.8	17.0	13.8	15.9	73	64	61	66	11.1	
10	21.1	22.7	20.4	16.0	17.4	16.9	16.8	71	67	87	75	12.6	
11	23.0	24.8	21.4	18.7	20.2	14.9	17.9	77	71	56	68	10.4	
12	23.4	23.6	20.7	19.3	18.7	16.8	18.3	77	70	84	77	10.9	
13	21.8	23.6	19.9	17.1	17.9	15.6	16.9	73	63	79	72	12.7	
14	20.6	22.5	20.3	15.2	17.1	16.3	16.2	67	66	82	72	11.0	
15	21.1	22.6	20.2	15.3	16.5	16.3	16.1	63	60	83	69	12.9	
16	20.9	21.7	19.4	15.1	15.7	14.9	15.2	61	59	77	66	12.6	
17	20.8	23.2	19.8	15.3	17.6	15.6	16.1	66	63	80	70	13.3	
18	21.6	23.7	20.2	16.2	18.1	15.9	16.7	67	63	80	70	13.6	
19	22.7	23.7	20.6	17.5	17.4	15.7	16.9	67	57	72	65	13.8	
20	24.4	23.8	22.2	19.7	18.0	17.8	18.4	70	61	76	69	13.0	
21	23.3	25.3	22.1	16.8	20.0	18.3	18.3	55	62	83	67	13.0	
22	22.7	24.8	22.1	16.3	19.5	18.5	18.1	56	64	85	68	12.8	
23	23.3	23.9	21.6	18.3	18.1	17.6	18.0	69	60	81	70	12.3	
24	22.6	24.3	22.2	16.9	18.4	18.6	18.0	63	60	85	69	12.7	
25	23.3	24.8	22.3	17.8	19.7	18.8	18.8	64	66	86	72	12.5	
26	23.6	24.1	21.6	18.4	18.3	17.6	18.1	67	61	82	70	12.9	
27	23.3	24.9	22.6	18.1	19.3	19.4	19.0	68	61	88	72	13.1	
28	24.1	24.7	22.3	18.9	19.0	19.0	18.8	67	61	87	72	13.1	
29	23.2	23.8	22.4	18.0	17.2	19.1	18.1	68	55	88	70	13.1	
30	22.1	22.8	21.3	16.4	16.5	15.4	16.1	64	57	61	61	13.1	
				16.94	17.96	16.78	17.23	68.10	63.63	80.57	70.65	11.91	.008

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	2cu	0	0	0.7	0	1w	0	77.3	calm	
2	4cu	0	0	1.3	0	0	0	108.1	„	M. a.m.
3	1stci	0	2cu	1.0	1n	1w	1n	109.9	„	thin M. a.m.
4	9stcu	2cicu	0	3.7	2w	1w	1n	221.3	mod.	F. a.m. p.m.
5	0	0	0	0.0	2s	2sw	1s	460.8	„	„ „ „
6	0	0	0	0.0	1s	2w	2w	578.3	„	M. a.m.
7	0	0	0	0.0	1w	1sw	3s	505.5	light	F.p.m. & Swg. eve.
8	2cu	3cu	0	1.7	3w	1w	1w	629.2	stormy	Tr.a.m., F. a.m. p.m.
9	0	1cu	2cu	1.0	1sw	2sw	1sw	356.4	rough	F. a.m.
10	0	2ci	10cu	4.0	2sw	1w	0	129.1	slight	M. a.m.
11	3cu	10ci	0	4.3	0	1w	1w	101.4	slight	F. p m. Tr. night
12	10cicu	0	0	3.3	1s	2sw	1s	296.1	slight	F. a.m.
13	1cu	2cu	2cu	1.7	1s	1s	1sw	550.3	mod.	„ „
14	4cu	4cu	0	2.7	0	1s	1sw	573.9	„	„ „
15	0	0	0	0.0	2w	2sw	0	462.6	„	
16	1cu	2cu	0	1.0	1s	2s	1s	281.9	light	
17	0	0	0	0.0	1w	1w	0	95.2	„	
18	0	1cu	0	0.3	1n	1w	0	105.6	slight	
19	0	0	0	0.0	1sw	1sw	0	196.5	„	
20	0	0	0	0.0	1n	1w	0	316.2	„	
21	0	0	0	0.0	0	1w	0	76.6	calm	
22	0	0	0	0.0	1w	3w	2sw	520.9	light	
23	0	2cu	0	0.7	2sw	2sw	1w	501.3	mod.	F. p.m.
24	0	1cu	1cu	0.7	1sw	1sw	1sw	392.3	light	„ „
25	0	1cu	0	0.3	1sw	2sw	1sw	363.5	„	„ „
26	0	0	1stcu	0.3	2sw	2sw	1w	461.8	„	„ a.m. p.m.
27	0	0	3cu	1.0	1sw	1sw	1sw	156.3	„	
28	1cu	1cu	4cu	2.0	2sw	1sw	0	230.1	„	F. a.m.
29	0	1cu	1cu	0.7	1sw	1sw	0	108.9	„	
30	1cu	1cu	0	0.7	0	2w	0	52.0	„	
					33	41	22			
				1.10	1·1	1·4	0·7	299.98		

3 4 2

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	0	0	0	5	10	6	0	6	30
14:30	0	0	0	0	3	13	13	0	1	30
20:30	2	0	0	0	4	7	5	0	12	30
Totals	5	0	0	0	12	30	24	0	19	90

Number of days with rain 1, thunderstorms 0, gales 1.

50-yr. average number of days with rain during month 0.8

Abbreviations used in "Notes"; (M) Mist, (F), Fog (G) Gale, (tr.). Trace of rain.